

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2009

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

Complete if Known

Application Number 10/578,737  
Filing Date 05/10/2006  
First Named Inventor Jeong Bong Yoon  
Examiner Name Christopher Kessler  
Art Unit 1733  
Attorney Docket 1455 - 061439

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 23-0650 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 330         | 82                    | 540         | 270                   | 220              | 110                   | _____          |
| Design           | 220         | 110                   | 100         | 50                    | 140              | 70                    | _____          |
| Plant            | 220         | 110                   | 330         | 165                   | 170              | 85                    | _____          |
| Reissue          | 330         | 165                   | 540         | 270                   | 650              | 325                   | _____          |
| Provisional      | 220         | 110                   | 0           | 0                     | 0                | 0                     | _____          |

### 2. EXCESS CLAIM FEES

#### Fee Description

|  | Small Entity Fee (\$) | Fee (\$) |
|--|-----------------------|----------|
| Each claim over 20 (including Reissues)            | 52                    | 26       |
| Each independent claim over 3 (including Reissues) | 220                   | 110      |
| Multiple dependent claims                          | 390                   | 195      |

Total Claims - 20 or HP Extra Claims Fee (\$) Fee Paid (\$)  
87 - 87 = 0 x = 0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims - 3 or HP Extra Claims Fee (\$) Fee Paid (\$)  
4 - 4 = 0 x = 0

IIP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  
- 100 = / 50 = (round up to a whole number) x =

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): RCE filing fee

Fees Paid (\$)

\$810.00

## SUBMITTED BY

Signature

Julie A. Heitzenrater

Registration No. 64,443  
(Attorney/Agent)

Telephone 412-471-8815

Name (Print/Type)

Julie A. Heitzenrater

Date April 4, 2011